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SOURCE Geografiya, Vol II, No 4, 1951 - 1952.

"VASIL KOLAROV" DAM, BULGARIA

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[Information on graphics material is appended.]

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The "Vasil Kolarov" Dam which began operation on 18 November 1951, is the first unit of the large Srednorodopski Khidroelektrokombinat (Middle Rhodope Mountain Hydroelectric Combine).

The combine will also include the projected "Batashko Pole" Dam, the "Dobrushtitsa" VETs (Hydroelectric Power Station), and the "Maritsa" VETs.

Soon a part of the Batak basin will become an artificial lake with a capacity of 700 million cubic meters of water.

The "Vasil Kolarov" Dam is built 1,600 meters above sea level between the Tashboaz and Kalet mountains. The reservoir will be filled with the water of several tributaries on the right side of the Maritsa River, such as the Kriva reka River, on which the dam wall is built; the Beglishka River; the Suysuza River; Golyama reka River, the Semiza River); and the Karachoma River. These rivers run into the reservoir via canals with a total length of about 7,000 meters.

The dam wall is 45 meters high and 250 meters long. The reservoir is over 7 kilometers long, about 1,000 meters wide, and its maximum depth is 45 meters. The reservoir covers an area of 6,500 decarees and has a capacity of 65 million cubic meters of water. [The power stations of] the dam will produce 12 million kilowatt-hours of electric energy [per year] and 160,000 decarees of cooperative lots will be irrigated to increase agricultural production 40 percent.

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Prior to building the dam, the "Vucha" VETs operated at a minimum capacity. This capacity was decreased 60 percent during the dry months of July, August, and the beginning of September. From now on, the VETs will be supplied with water from the new reservoir and will not only operate at full capacity, but will double its capacity within one year.

A 12-kilometer-long tunnel will be built between the dam and the reservoir. The waters will flow through it from a height of 600 meters and will operate the projected Batak power station.

A road linking Dospat and Batak passes on top of the dam.

GRAPHICS MATERIAL AVAILABLE

Requests for copies of, or further information on, the photographs described herein should be addressed to Graphics Register, CIA, by referring to report number and item number.

1. Location: Bulgaria, Plovdiv, Okrug, Devin Okoliya
Caption and Description: View of the "Vasil Kolarov" Dam
Photograph Description: Size, 8 x 5½ inches; good; pulp paper
Source: Geografiya, Sofia, Vol II, No 4, 1951 - 1952, front cover
Repository of Source Document: LC
2. Location: Bulgaria, Plovdiv Okrug, Devin Okoliya
Caption and Description: View of the new road and the "Vasil Kolarov" Reservoir in the foreground; the old road can be seen in the background
Photograph Description: Size, 3 x 4¼ inches; fair; pulp paper
Source: Geografiya, Sofia, Vol II, No 4, 1951 - 1952, page 1
Repository of Source Document: LC
3. Location: Bulgaria, Plovdiv Okrug, Devin Okoliya
Caption and Description: Partial view of the "Vasil Kolarov" Dam wall
Photograph Description: Size, 4¼ x 4½ inches; fair; pulp paper
Source: Geografiya, Sofia, Vol II, No 4, 1951 - 1952, page 2
Repository of Source Document: LC

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- 2 -

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